

CLAIMS

1. A digital camera comprising;
 - an electronic flash device that radiates light toward an object to be photographed;
 - a white-balance sensor for performing a white-balance adjustment, said white-balance sensor and said electronic flash device being connected to each other; and
 - a rotating mechanism that rotates said white-balance sensor and said electronic flash device to selectively make one of said electronic flash device and said white-balance sensor face said object.
2. A digital camera according to claim 1, wherein said electronic flash device and said white-balance sensor form a rotatable body.
3. A digital camera according to claim 1, further comprising,
 - a photographing optical system;
 - a zooming system that adjusts the focal length of said photographing optical system; and
 - a moving mechanism that moves said white-balance sensor and said electronic flash device in a direction parallel to the optical axis of said photographing optical system, in accordance with said focal length.
4. A digital camera according to claim 3, wherein the shorter said focal length, the closer said white-balance sensor and said electronic flash device are to said object.

5. A digital camera according to claim 3, further comprising,
a lens barrel that is rotated so that said zooming system
adjusts said focal length;
a cam plate that has grooves with which said white-balance
5 sensor, said electronic flash device, and said photographing
optical system are engaged, and that moves in a direction
perpendicular to said optical axis in association with a rotation
of said lens barrel, to function as both said zooming system and
said moving mechanism.
- 10 6. A digital camera according to claim 1, wherein said white
balance sensor is set to face said object when said digital camera
is actuated.
7. A digital camera according to claim 1, further comprising
a light-emitting lens that is arranged in front of said
15 white-balance sensor and said electronic flash device.